

What is claimed is:

1. An image processing apparatus comprising:  
 an inputter arranged to input image data  
 representing an image;
- 5        a processor arranged to process the image data  
 input by said inputter in a manner such that the image  
 represented by the image data has a predetermined size;  
       a first producer arranged to produce data for  
 transmission by facsimile based on the image data input
- 10    by said inputter;  
       a second producer arranged to produce data for  
 transmission by electronic mail based on the image data  
 input by said inputter; and  
       a controller arranged to control said first and
- 15    second producers in a manner such that when the data  
 for transmission by facsimile is produced by said first  
 producer, the data for transmission by facsimile is  
 produced after the image data input by said inputter is  
 processed by said processor, and when the data for
- 20    transmission by electronic mail is produced by said  
 second producer, the data for transmission by  
 electronic mail is produced without the image data  
 input by said inputter being processed by said  
 processor.
- 25        2. An image processing apparatus according to  
 claim 1, wherein said inputter inputs the image data  
 from a reader which reads the image and generates the

image data based on the image.

3. An image processing apparatus according to claim 1, wherein said inputter inputs the image data from a detachable memory.

5           4. An image processing apparatus claim 1, wherein said processor processes the image data input by said inputter by adding white pixels thereto so as for the image represented by the image data to have the predetermined size.

10           5. An image processing apparatus claim 1, wherein said controller controls said first producer and said second producer such that said first producer and said second producer use different  $\gamma$  values in producing the data.

15           6. An image processing apparatus according to claim 1, wherein said controller restricts operations of said first and second producers according to a predetermined condition.

            7. An image processing apparatus comprising:  
20           an inputter arranged to input image data representing an image;  
            a first producer arranged to produce data for transmission by facsimile based on the image data input by said inputter;  
25           a second producer arranged to produce data for transmission by electronic mail based on the image data input by said inputter; and

a controller arranged to control a process to be performed on the image data input by said inputter before the image data is supplied to said first producer or said second producer, according to a size of the image represented by the image data input by said inputter.

8. An image processing apparatus according to claim 7, wherein said inputter inputs the image data from a reader which reads the image and generates the image data based on the image.

9. An image processing apparatus according to claim 7, wherein said inputter inputs the image data from a detachable memory.

10. An image processing apparatus according to claim 7, wherein when the size of the image represented by the image data input by said inputter is smaller than a predetermined size and the image data input by said inputter is to be transmitted by facsimile, said controller supplies the image data input by said inputter to said first producer after processing the image data input by said inputter such that the size of the image represented by the image data input by said inputter becomes equal to the predetermined size.

11. An image processing apparatus according to claim 7, wherein when the image data input by said inputter is to be transmitted by electronic mail, said controller causes said second producer to produce a

file corresponding to the size of the image represented by the image data input by said inputter.

12. An image processing apparatus according to claim 11, wherein when it is set that the image data  
5 input by said inputter is to be transmitted by electronic mail as the file having a predetermined size, said controller causes said second producer to produce the file having the predetermined size irrespective of the size of the image represented by the image data  
10 input by said inputter.

13. An image processing apparatus according to claim 7, wherein when the image represented by the image data input by said inputter is a color image, said controller inhibits supply of the image data input  
15 by said inputter to said first and second producers.

14. An image processing apparatus according to claim 13, wherein the image represented by the image data input by said inputter is a color image having a size smaller than a predetermined size, said controller  
20 permits supply of the image data input by said inputter to said first and second producers.

15. An image processing method comprising:  
an inputting step of inputting image data representing an image;  
25 a processing step of processing the image data input in said inputting step in a manner such that the image represented by the image data has a predetermined

size;

a first producing step of producing data for transmission by facsimile based on the image data input in said inputting step;

- 5 a second producing step of producing data for transmission by electronic mail based on the image data input in said inputting step; and

- a controlling step of controlling said first and second producing steps in a manner such that when the  
 10 data for transmission by facsimile is produced in said first producing step, the data for transmission by facsimile is produced after the image data input in said inputting step is processed in said processing step, and when the data for transmission by electronic  
 15 mail is produced in said second producing step, the data for transmission by electronic mail is produced without the image data input in said inputting step being processed in said processing step.

16. A computer readable program stored in a  
 20 storage medium, comprising:

an inputting module for inputting image data representing an image;

- a processing module for processing the image data input by said inputting module in a manner such that  
 25 the image represented by the image data has a predetermined size;

a first producing module for producing data for

transmission by facsimile based on the image data input by said inputting module;

a second producing module for producing data for transmission by electronic mail based on the image data input by said inputting module; and

a controlling module for controlling said first and second producing modules in a manner such that when the data for transmission by facsimile is produced by said first producing module, the data for transmission by facsimile is produced after the image data input by said inputting module is processed by said processing module, and when the data for transmission by electronic mail is produced by said second producing module, the data for transmission by electronic mail is produced without the image data input by said inputting module being processed by said processing module.

17. An image processing method comprising:

an inputting step of inputting image data representing an image;

a first producing step of producing data for transmission by facsimile based on the image data input in said inputting step;

a second producing step of producing data for transmission by electronic mail based on the image data input in said inputting step; and

a controlling step of controlling a process to be performed on the image data input in said inputting

step before the image data is supplied to said first producing step or said second producing step, according to a size of the image represented by the image data input in said inputting step.

- 5           18. A computer readable program stored in a storage medium, comprising:

          an inputting module for inputting image data representing an image;

- a first producing module for producing data for  
10   transmission by facsimile based on the image data input by said inputting module;

          a second producing module for producing data for transmission by electronic mail based on the image data input by said inputting module; and

- 15           a controlling module for controlling a process to be performed on the image data input in said inputting module before the image data is supplied to said first producing module or said second producing module, according to a size of the image represented by the  
20   image data input by said inputting module.